

Rabbit anti-Human, Mouse KPNA3 Polyclonal Antibody | anti-KPNA3 antibody

Rabbit anti-KPNA3 IHC Antibody, Affinity Purified

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA213952	Rabbit	Human, Mouse	Immunohistochemistry, Immunohistochemistry

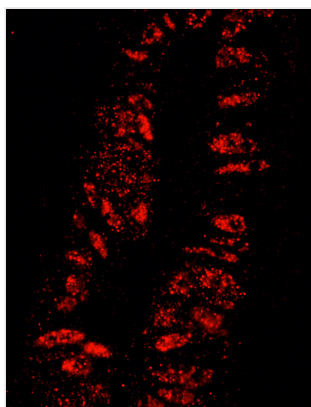
PRODUCT SYNONYMS

KPNA3; Polyclonal Antibody; Rabbit anti-KPNA3 IHC Antibody; Affinity Purified; importin subunit alpha-4; SRP4; SRP1-gamma; SRP1gamma; SRP1; qip2; Karyopherin subunit alpha-3; hSRP1; IPOA4; importin subunit alpha-3; importin alpha-3; importin alpha Q2; importin alpha 4; karyopherin alpha 3 (importin alpha 4); Importin subunit alpha-4; karyopherin subunit alpha 3; anti-KPNA3 antibody

PRODUCT SPECIFICATIONS

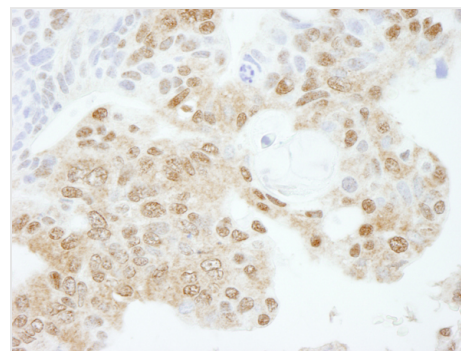
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	250ug/ml (varies by lot)
Applicable Applications for anti-KPNA3 antibody	IHC (Immunohistochemistry), IHC (Immunohistochemistry)
Predicted Reactivity	Monkey, Chimpanzee, Small-eared galago, White-tufted-ear marmoset
Immunogen	Between 1 and 50
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



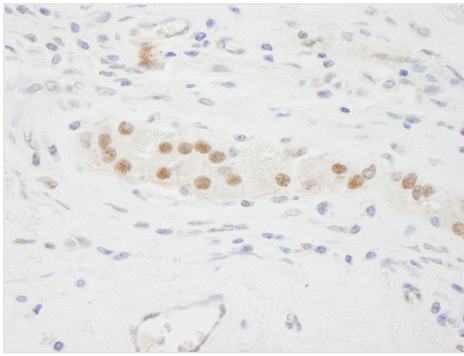
IHC (Immunohistochemistry)

Detection of human KPNA3 by IHC-IF. Sample: FFPE section of human colon carcinoma. Antibody: Affinity purified rabbit anti-KPNA3 (Cat. No. AAA213952) used at a dilution of 1:100. Detection: Red-fluorescent goat anti-rabbit IgG highly cross-adsorbed Antibody used at a dilution of 1:100.



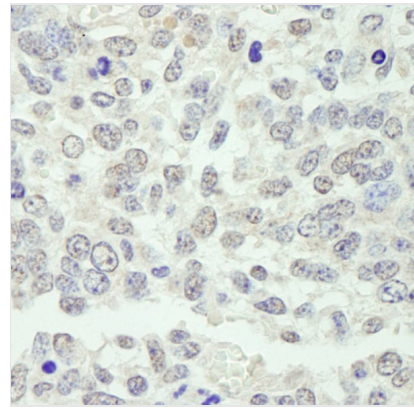
IHC (Immunohistochemisry)

Detection of human KPNA3 by immunohistochemistry. Sample: FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-KPNA3 (Cat. No. AAA213952) used at a dilution of 1:250. Detection: DAB



IHC (Immunohistochemistry)

Detection of human KPNA3 by immunohistochemistry. Sample: FFPE section of human testis. Antibody: Affinity purified rabbit anti-KPNA3 (Cat. No. AAA213952) used at a dilution of 1:500. Detection: DAB



IHC (Immunohistochemistry)

Detection of mouse KPNA3 by immunohistochemistry. Sample: FFPE section of mouse teratoma. Antibody: Affinity purified rabbit anti-KPNA3 (Cat. No. AAA213952) used at a dilution of 1:250. Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-KPNA3 antibody	KPNA3 (karyopherin alpha 3), also known as importin alpha 4, is a member of the importin alpha family of proteins which includes KPNA1 (importin alpha 5), KPNA2 (importin alpha 1), KPNA3 (importin alpha 4), KPNA4 (importin alpha 3), KPNA5 (importin alpha 6), and KPNA6 (importin alpha 7). The importin alpha family of proteins plays a role in the import of proteins from the cytoplasm to the nucleus. The import of proteins from the cytoplasm to the nucleus involves docking the protein to receptors associated with the nuclear pore complex (NPC) followed by translocation through the nuclear pore. Importin alpha proteins bind the nuclear localization signal (NLS) of cargo proteins and function as adaptor proteins for the nuclear pore receptor KPNB1 (importin beta 1). KPNB1 is responsible for docking the importin-cargo complex to the cytoplasmic side of the NPC for its translocation through the NPC. KPNA3 (Importin alpha 4) and KPNA4 (importin alpha 3) have been reported to mediate the nuclear import of TNF-alpha induced nuclear import of NF-kappaB p50/p65 heterodimers. KPNA3 has also been reported to be responsible for the ligand-independent nuclear translocation of the vitamin D receptor.
Product Categories/Family for anti-KPNA3 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	34485722
NCBI GeneID	3839
NCBI Accession #	NP_002258.2
NCBI GenBank Nucleotide #	NM_002267.3
UniProt Accession #	O00505 ; O00191 ; O43195 ; Q5JVM9 ; Q96AA7
Molecular Weight	57,811 Da
NCBI Official Full Name	importin subunit alpha-4
NCBI Official Synonym Full Names	karyopherin alpha 3 (importin alpha 4)
NCBI Official Symbol	KPNA3
NCBI Official Synonym Symbols	SRP1; SRP4; IPOA4; hSRP1; SRP1gamma
NCBI Protein Information	importin subunit alpha-4; qip2; SRP1-gamma; importin alpha 4; importin alpha-3; importin alpha Q2; importin-alpha-Q2; importin subunit alpha-3; karyopherin subunit alpha-3
UniProt Protein Name	Importin subunit alpha-4
UniProt Gene Name	KPNA3
UniProt Synonym Gene Names	QIP2; Qip2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/polyclonal/kpna3-antibody-immunohistochemistry-immunohistochemistry-elisa/213952>